

Hunterdon County



HUNTERDON

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Arrowhead Road Ground Water Contamination

Arrowhead Road

Readington Township

Hunterdon County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

Spill Fund

Corporate Business Tax









AMOUNT AUTHORIZED

\$45,000

\$25,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Hunterdon County Health Department and NJDEP's Remedial Response Element in 2002 identified 18 private potable wells in this area that were contaminated with dichloroethylene (DCE) and trichloroethane (TCA) at levels exceeding New Jersey Drinking Water Standards for these volatile organic compounds. The source of the contamination is unknown. NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents while additional evaluation of the site is underway. The Remedial Response Element plans to sample other nearby private potable wells in 2004 and will use the findings to delineate the Currently Known Extent (CKE) of the potable well contamination and evaluate long-term options to supply potable water to the residents at the site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
Receptor Control (POETS)				
		Planned		
		Underway		
		Completed		
		Not Required		

Crown Vantage Landfill

Route 619

Alexandria Township

Hunterdon County

BLOCK: 17.01 **LOT:** 1.01

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Landfill
OPERATION STATUS: Inactive

PROPERTY SIZE: 10 Acres

SURROUNDING LAND USE: Commercial/Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Metals

STATUS

Confirmed

Soil

Volatile Organic Compounds
Metals

Confirmed

FUNDING SOURCES

Hazardous Discharge Site Cleanup Fund

AMOUNT AUTHORIZED

\$500,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The Crown Vantage Landfill is an inactive landfill located on the bank of the Delaware River in Alexandria Township. The landfill accepted various types of wastes for approximately forty years, beginning in the late 1930s. Coal ash, household trash, appliances, construction debris, chemical solvents, metal foil, waste paper and paper fiber sludge from a nearby paper company were reportedly deposited in the landfill.

In 1991 the Responsible Party for the landfill conducted a preliminary investigation of the site in response to Notices of Violations from NJDEP's Division of Hazardous Waste Management and Division of Solid Waste Management. The investigation revealed there were approximately 800 drums on the surface of the landfill and organic vapors in the soil. The Responsible Party subsequently removed approximately 475 empty drums and 69 drums of wastes, including flammable liquids. Sampling of the ground water in 1994 did not reveal any volatile organic compounds at levels exceeding New Jersey Ground Water Quality Criteria. Arsenic and lead were detected in the ground water at levels exceeding these standards, but it is not known whether these were due to disposal activities at the landfill. Numerous half-buried empty drum carcasses remained along the western edge of the landfill and there was an area of stained soil approximately 300 square feet in size that may have resulted from dumping of chemicals.

In 2001 NJDEP was awarded funds from Crown Vantage Paper Company's bankruptcy estate to conduct remedial work at the landfill. NJDEP's Remedial Response Element recently removed drums and some contaminated soil, fenced the site and conducted limited soil sampling inside and outside of the fenced area. NJDEP has asked USEPA to evaluate this site for possible removal actions and inclusion on the National Priorities List of Superfund sites (NPL).

PROJECT NAME

RI/RAS

DESIGN

CONSTR

O&M

Removal Action



☐ Planned

☐ Underway

☒ Completed

☐ Not Required

DeRewal Chemical Company

Route 29 (River Road)

Kingwood Township

Hunterdon County

BLOCK: 50 LOT: 4

CATEGORY: Superfund
Federal Lead

TYPE OF FACILITY: Chemical Manufacturing
OPERATION STATUS: Inactive

PROPERTY SIZE: 1.4 Acres

SURROUNDING LAND USE: Residential/Industrial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds
Metals

STATUS

Treating

Soil

Volatile Organic Compounds
Polycyclic Aromatic Hydrocarbons
Metals

Removed

FUNDING SOURCES

Superfund
1981 Bond Fund
1986 Bond Fund
Corporate Business Tax

AMOUNT AUTHORIZED

\$19,004,000
\$5,000
\$1,725,000
\$200,000

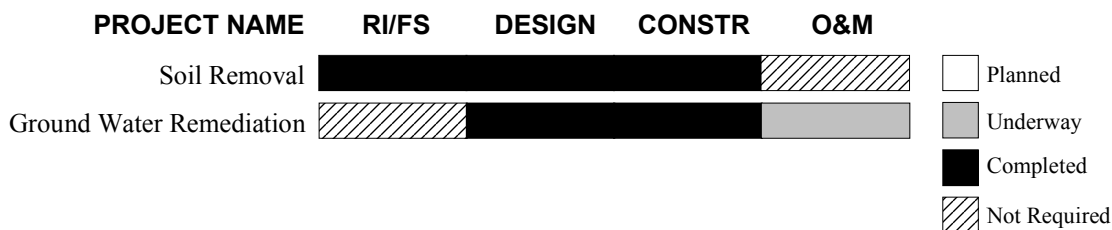
SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

DeRewal Chemical Company operated a chemical manufacturing facility at this site between 1970 and 1974. It is located in a rural area where ground water is used for drinking water supplies. Operations at the facility involved mixing and packaging a textile preservative and manufacturing an agricultural fungicide. Substances used at the facility included metals, acid solutions, fertilizer nutrients and other compounds. Numerous chemical spills were reported in 1973, including one incident in which a tank truck drained 3,000 to 5,000 gallons of a highly acidic chromium solution onto the soil. DeRewal Chemical excavated the contaminated soil in 1974 but left it on site in two partially covered piles that were allowed to erode. The owner of the company subsequently ceased operations and filed for bankruptcy.

USEPA added the DeRewal Chemical Company to the National Priorities List of Superfund sites (NPL) in 1984. A Remedial Investigation and Feasibility Study (RI/FS) conducted for the site revealed that the shallow aquifer was contaminated with volatile organic compounds and metals at levels exceeding ground water quality criteria. Contamination was also detected in the deeper aquifer at levels below ground water quality criteria. The RI/FS also revealed that the soil at the site was contaminated with metals, including chromium, and organic compounds.

In 1989, after completing the RI/FS, USEPA issued a Record of Decision (ROD) with NJDEP concurrence. The ROD required excavation of the contaminated soil, followed by on-site thermal treatment of the organic-contaminated soil and solidification/stabilization of the inorganic-contaminated soil, and extraction of the contaminated shallow ground water with off-site disposal at an industrial waste water treatment facility. However, after reviewing additional data obtained during the Remedial Design, USEPA issued Explanations of Significant Differences (ESDs) in 1994 and 1997 that modified the soil remedies to excavation and off-site disposal. The 1997 ESD also stated that chromium-contaminated soil beneath the water table would not be excavated since it is not a source of contamination to the ground water. USEPA completed removal of approximately 60,000 tons of contaminated soil from the site in 1998.

USEPA finished installing the ground water extraction system in 2003. The system is currently extracting and disposing of approximately 50,000 gallons of contaminated ground water each month. The system will continue to operate until the ground water quality meets New Jersey Drinking Water Standards.



Eric's Main Street Mobil Service Station

144 Main Street

Flemington Borough

Hunterdon County

BLOCK: 36 **LOT:** 1.01

CATEGORY: Non-Superfund
State Lead

TYPE OF FACILITY: Auto Repair
OPERATION STATUS: Active

PROPERTY SIZE: 0.3 Acre

SURROUNDING LAND USE: Commercial/Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Potable Water

Volatile Organic Compounds

Potential

Soil

Volatile Organic Compounds

Delineating

FUNDING SOURCES

Corporate Business Tax

AMOUNT AUTHORIZED

\$432,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site formerly operated as a gas station. It is now an auto repair shop. Investigation of the site began in 1992, after the telephone company discovered gasoline-contaminated ground water had seeped into an adjacent subsurface telephone utility vault. Gasoline vapors were later detected in another nearby telephone utility vault and the basement of a telephone company building, which is connected in line to the two vaults. The telephone company removed the contaminated ground water and installed grates on the vaults to ventilate the gasoline vapors. NJDEP directed the site owner to determine the source of the discharge and take appropriate remedial actions, but the owner did not comply.

In 1998 NJDEP's Remedial Response Element completed a preliminary investigation that confirmed soil and ground water at the service station were contaminated with several gasoline-related volatile organic compounds, including benzene, xylene and methyl tertiary-butyl ether (MTBE). Additional air monitoring confirmed that gasoline vapors accumulated rapidly in the telephone vault when it was not vented. NJDEP is conducting a Remedial Investigation (RI) to characterize the source and evaluate potential receptors. A potable well survey and potable well sampling that were conducted in 2003 confirmed nearby private wells had not been affected by the site. NJDEP plans to conduct additional sampling in 2004 to delineate the ground water contamination.


PROJECT NAME RI/RAS DESIGN CONSTR O&M

Sitewide    

 Planned

 Underway

 Completed

 Not Required

Flemington Water Department Well 7

65 Route 12

Flemington Borough

Hunterdon County

BLOCK: 35 **LOT:** 37

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential/Commercial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Carbon Tetrachloride

STATUS

Confirmed

Potable Water

Carbon Tetrachloride

Treating

FUNDING SOURCES









1986 Bond Fund

AMOUNT AUTHORIZED

\$239,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Flemington Water Department Well 7 is a primary source of potable water for 4,000 Borough residents. The supply well was closed down in 1994 when routine sampling revealed the water was contaminated with carbon tetrachloride at levels exceeding the New Jersey Drinking Water Standard for this volatile organic compound. NJDEP's Remedial Response Element completed a Remedial Action Selection (RAS) in 1997 that concluded the most cost-effective method to address the contamination was to install an air stripper on the well. The Flemington Water Department constructed the air stripper in 1998 using funds provided by NJDEP and is operating and maintaining the system. Additional investigative work is underway to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
Receptor Control (Air Stripper)				
	 Planned			
	 Underway			
	 Completed			
	 Not Required			

High Bridge Water Department Well Field Contamination

Buffalo Hollow Road Lebanon Township Hunterdon County

BLOCK: 10 **LOT:** 38

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Municipal Well Field
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED	CONTAMINANTS	STATUS
Ground Water	Trichlorethylene	Confirmed
Potable Water	Trichloroethylene	Treating

FUNDING SOURCES	AMOUNT AUTHORIZED
1986 Bond Fund	\$185,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

The High Bridge Water Department's Bunnvale Well Field consists of four bedrock aquifer wells. Sampling conducted in 1995 and 1996 revealed that three of the four wells were contaminated with trichloroethylene (TCE) at levels exceeding the New Jersey Drinking Water Standard for this volatile organic compound. One of the four wells was taken out of service in 1995 due to the high TCE levels and the contamination in the remaining wells was reduced to acceptable levels through blending. NJDEP's Remedial Response Element completed a Remedial Action Selection (RAS) in 1997 that concluded the most cost-effective remedy was to install an air stripper at the well field to treat all four wells. High Bridge Borough installed the air stripper in 1998 using funds provided by NJDEP and is operating and maintaining the system. Additional investigative work is planned to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (Air Stripper)					

Planned
 Underway
 Completed
 Not Required

Holland Sales & Service

1050 Milford Glen Road

Holland Township

Hunterdon County

BLOCK: 6 **LOT:** 40

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Gasoline Service Station
OPERATION STATUS: Active

PROPERTY SIZE: 0.9 Acre

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineated/Monitoring

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

Spill Fund
Corporate Business Tax













AMOUNT AUTHORIZED

\$115,000
\$124,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site has operated as a service station under several owners since approximately 1958. Three underground fuel storage tanks were removed and replaced with double-walled tanks in 1988. Sampling of on-site monitor wells in the early 1990s revealed the ground water was contaminated with gasoline-related volatile organic compounds, including benzene and methyl tertiary-butyl ether (MTBE). Chlorinated volatile organic compounds were found in the ground water and NJDEP believes this contamination may be due to historic discharges of solvents to a seepage pit at the property. NJDEP installed Point-of-Entry Treatment (POET) systems on several nearby private potable wells in 1996 after sampling showed the wells were contaminated with MTBE at levels exceeding the New Jersey Drinking Water Standard for this compound.

In 2003 NJDEP's Remedial Response Element sampled on-site and off-site monitor wells and found only low levels of volatile organic compounds in the ground water. Due to the low levels of the contaminants, active remediation of the ground water is not planned; instead, NJDEP will monitor the contaminants levels over time. The monitor wells will be sampled until ground water standards are achieved. NJDEP also plans to develop a ground water Classification Exception Area (CEA) for the site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

Mobil Service Station Frenchtown Borough

22 Race Street

Frenchtown Borough

Hunterdon County

BLOCK: 52 **LOT:** 2

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Gasoline Service Station
OPERATION STATUS: Inactive

PROPERTY SIZE: 0.25 Acre

SURROUNDING LAND USE: Commercial/Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Potential

Soil

Volatile Organic Compounds

Partially Removed/Delineating

Surface Water

Petroleum Hydrocarbons

Delineating

Sediments

Petroleum Hydrocarbons

Delineating

FUNDING SOURCES

Spill Fund

Corporate Business Tax

AMOUNT AUTHORIZED

\$8,000

\$148,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This former service station is located adjacent to Nishisakawic Creek, a tributary of the Delaware River. The site is separated from the creek by a retaining wall. In 1999 gasoline from a leaking 4,000 gallon underground gasoline storage tank seeped through the retaining wall into the creek, creating a sheen on the surface water and causing gasoline vapors to accumulate in neighboring homes. The service station owner removed the underground tanks, excavated the contaminated soil down to bedrock and backfilled the excavation with clean soil. However, subsequent episodes of seepage into the creek occurred, indicating petroleum product remained in the ground water and/or bedrock fractures. NJDEP's Remedial Response Element removed surface debris from the site in 2002 and installed on-site ground water monitor wells in 2003. NJDEP will implement remedial actions to address the contaminated ground water in 2004.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
IEC Source Removal				

Planned

Underway

Completed

Not Required

Red Horse Shoppes Incorporated

Route 31 & Payne Road

Clinton Township

Hunterdon County

BLOCK: 89 **LOT:** 8.01

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Gasoline Service Station
OPERATION STATUS: Active

PROPERTY SIZE: 1 Acre

SURROUNDING LAND USE: Residential/Commercial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Potable Water

Volatile Organic Compounds

Treating

Soil

Volatile Organic Compounds

Levels Not of Concern

FUNDING SOURCES

Corporate Business Tax




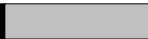








AMOUNT AUTHORIZED

\$483,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This site is also known as the A&L Oil Mobil service station. It is owned by Red Horse Shoppes. In 1990 NJDEP learned the potable well at the service station and several off-site private potable wells were contaminated with petroleum products. The likely source of the contamination was identified as a leaking underground gasoline storage tank at the service station. NJDEP's Responsible Party Remediation Element directed the gasoline retailer to investigate the site and take corrective action. A&L Oil removed four underground fuel storage tanks but left the soil excavated during the tank removal on site and did not determine the extent of the ground water contamination. A&L Oil also did not comply with a 1993 NJDEP directive to address nearby private potable wells believed to be contaminated with gasoline-related volatile organic compounds.

In 1999 NJDEP's Remedial Response Element began a Remedial Investigation and Remedial Action Selection (RI/RAS) to delineate the contamination in the soil and ground water and evaluate cleanup alternatives. Sampling of nearby private potable wells conducted as part of the RI/RAS identified one that was contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards and a Point-of-Entry Treatment (POET) system was installed at the property. Two deep monitor wells were found to be free of contamination. NJDEP plans to install additional on-site monitor wells in 2004 to further evaluate the ground water quality. Sampling of the soil at the service station has not revealed significant levels of contamination. NJDEP expects to complete the RI/RAS and issue a Decision Document for the site in late 2004.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POET)					 Planned
Sitewide					 Underway
					 Completed
					 Not Required

Schaffernoth's Nursery

Old York Road & Route 202

East Amwell Township

Hunterdon County

BLOCK: 1402 **LOT:** 45

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Flower and Garden Center
OPERATION STATUS: Active

PROPERTY SIZE: 10 Acres

SURROUNDING LAND USE: Agricultural/Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Delineating

Potable Water

Volatile Organic Compounds

Taken Out of Service

Soil

Volatile Organic Compounds

Delineating

FUNDING SOURCES

1981 Bond Fund
Corporate Business Tax

AMOUNT AUTHORIZED

\$354,000
\$15,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

This property is used for agricultural and retail operations. A retail store, two garages and several greenhouses occupy one third of the property and the remainder is cultivated. Sampling of an on-site potable well in 1997 showed that it was contaminated with methyl tertiary-butyl ether (MTBE), a volatile organic compound used as a gasoline additive. A subsequent investigation revealed that the source of the contamination was a leaking underground gasoline storage tank at the property. The property owner removed the leaking underground gasoline storage tank and contaminated soil and the potable well at the property was taken out of service. NJDEP's Remedial Response Element completed a Remedial Investigation (RI) in 2001 that revealed low levels of MTBE and other volatile organic compounds remained in the ground water. Sampling of additional private potable wells in the area during the RI did not identify any others that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. NJDEP is periodically sampling monitor wells at the site to evaluate ground water quality.

PROJECT NAME RI/RAS DESIGN CONSTR O&M

Sitewide



- ☐ Planned
- ☐ Underway
- ☒ Completed
- ☐ Not Required

Tunis Cox Road & Coddington Road

Tunis Cox & Coddington Roads

Readington Township

Hunterdon County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential/Agricultural/Industrial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

Spill Fund

Corporate Business Tax









AMOUNT AUTHORIZED

\$37,000

\$110,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Hunterdon County Health Department and NJDEP's Remedial Response Element in 2001 identified ten private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminants were trichloroethylene (TCE) and tetrachloroethylene (also known as perchloroethylene, or PCE). NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents while additional evaluation of the site was underway. The Remedial Response Element delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis for the site in 2003. Based on the findings, NJDEP concluded the most cost-effective method to supply potable water to residents was to continue to use POET systems at the affected homes. NJDEP will periodically sample private potable wells around the CKE over the next few years to monitor ground water quality in the area. Additional investigative work is underway to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
Receptor Control (POETS)				
		Planned		
		Underway		
		Completed		
		Not Required		

US Route 22 & Mountain Road Ground Water Contamination

US Route 22 & Mountain Road

Readington Township

Hunterdon County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential/Industrial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES









1986 Bond Fund

AMOUNT AUTHORIZED

\$275,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the Hunterdon County Health Department in 1991 identified 11 private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminants were tetrachloroethylene (also known as perchloroethylene, or PCE), trichloroethylene (TCE), trichloroethane (TCA) and dichloroethylene (DCE). NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents while additional evaluation of the site was underway. NJDEP's Remedial Response Element subsequently delineated the Currently Known Extent (CKE) of the potable well contamination and completed a water supply alternatives analysis for the site. Based on the analysis, NJDEP concluded the most cost-effective method to supply potable water to the residents was to continue to use POET systems at the affected homes. Additional investigative work is underway to identify possible sources of the ground water contamination.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M
Receptor Control (POETS)				
		Planned		
		Underway		
		Completed		
		Not Required		

Whitehouse Station Ground Water Contamination

Various Locations Readington Township Hunterdon County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential/Commercial

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating

FUNDING SOURCES

Spill Fund

Corporate Business Tax









AMOUNT AUTHORIZED

\$18,000

\$8,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted in 2001 during a Remedial Investigation of a local gas station identified eight private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminant was dichloroethane (DCA). NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to supply potable water for the residents. NJDEP's Responsible Party Remediation Element, which was overseeing the investigation of the gas station, subsequently determined the gas station was not the source of the DCA and the potable well contamination was referred to the NJDEP's Remedial Response Element for further action. The Remedial Response Element sampled additional nearby wells during 2002 and is using the findings to delineate the Currently Known Extent (CKE) of the potable well contamination and evaluate long-term options to supply potable water to the area. Additional investigative work is planned to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
					 Underway
					 Completed
					 Not Required

Willocks Court Ground Water Contamination

Willocks Court

Readington Township

Hunterdon County

BLOCK: Various **LOT:** Various

CATEGORY: Non-Superfund
State Lead, IEC

TYPE OF FACILITY: Not Applicable
OPERATION STATUS: Not Applicable

PROPERTY SIZE: Not Applicable

SURROUNDING LAND USE: Residential

MEDIA AFFECTED

Ground Water

CONTAMINANTS

Volatile Organic Compounds

STATUS

Confirmed

Potable Water

Volatile Organic Compounds

Treating









FUNDING SOURCES

AMOUNT AUTHORIZED

Spill Fund	\$445,000
1981 Bond Fund	\$8,000
1986 Bond Fund	\$15,000
Corporate Business Tax	\$85,000

SITE DESCRIPTION/RESOLUTION OF ENVIRONMENTAL CONCERNS:

Sampling conducted by the local health department and NJDEP's Remedial Response Element between 1988 and 1998 identified 19 private potable wells in this area that were contaminated with volatile organic compounds at levels exceeding New Jersey Drinking Water Standards. The primary contaminants were dichloroethylene (DCE) and trichloroethane (TCA). NJDEP's Environmental Claims Administration installed Point-of-Entry Treatment (POET) systems on the contaminated wells to provide potable water for the residents while additional evaluation of the site was underway. The Remedial Response Element completed a water supply alternative analysis in 1990 that concluded the most cost-effective method to supply potable water to the residents was to continue to use POET systems at the affected homes. Additional investigative work is underway to identify possible sources of the ground water contamination at this site.

PROJECT NAME	RI/RAS	DESIGN	CONSTR	O&M	
Receptor Control (POETS)					 Planned
					 Underway
					 Completed
					 Not Required